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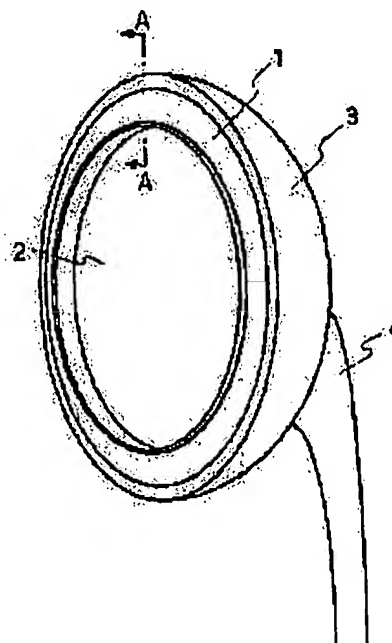
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(54) BONE-CONDUCTION EARPHONE/MICROPHONE

(57)Abstract:

PURPOSE: To eliminate the need of inserting an earpiece or the like into an external auditory meatus by arranging the diaphragm of a bone-conduction voice vibration detector on a plane approximately the same as a necessary plane surrounding a cover and constituting a bone-conduction earphone microphone.

CONSTITUTION: Viewing from the cover 2 for protecting a speaker unit, the diaphragm 1 of the vibration detection part of a bone-conduction vibration detector is disposed on the plane approximately the same as the plane on the entrance side of the external auditory meatus surrounding the cover 2. Thus, when this bone-conduction microphone is fitted to an ear, the diaphragm 1 is naturally brought into contact with an antitragus, a tragus or a concha hole near the antitragus. As the result, this bone-conduction earphone/microphone usable for a long time without giving the unpleasant feeling of pain or the like to a user without the need of inserting the detection part of the earpiece or the like inside the external auditory meatus is attained.



LEGAL STATUS

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